



PROJECT NUMBER

323666

BORING ID:

17C070

Sheet 1 of 2

## SOIL BORING LOG

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling

LOCATION: Secondary Source Area

ELEVATION: 152.12

NORTHING: 2162432.63

EASTING: 6743893.86

DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA

DRILLING METHOD AND EQUIPMENT USED: Sonic Direct Push - Power Probe 9630

WATER LEVELS: 12.3 ft bgs

START: 6/29/2005 9:50:00 AM

END:

LOGGER: B. Moayyad

DEPTH BGS (ft)				STANDARD PENETRATION TEST RESULTS		CORE DESCRIPTION:		COMMENTS:	
INTERVAL (ft)						SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.		DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.	
RECOVERY									
		TYPE-#		6-6-6 (in) (N)					
		SS-Split Spoon ST-Shelby Tube							
0	0-7.5	2.8/ 4.0'				ML - SANDY SILT (ML), brown, dry, dense, friable, ~65% silt,  - ~35% fine sand	—	PID = 0.0	
1						-	—		
2						-	—		
3						-	—		
4		2.2/ 4.0'				ML - Same as above, becomes moist, loose by 5 ft	—	PID = 0.0	
5						-	—		
6						-	—		
7	7.5-15	2.2/ 4.0'				SW - WELL GRADED SAND WITH GRAVEL (SW), light reddish brown, - dry, loose, ~35% fine gravel, ~5% fines	—	PID = 0.0	
8						-	—		
9						-	—		
10						-	—		
11						-	—		
12		2.0/ 4.0'				SW - Same as above, becomes saturated by 12 ft	—	10:15 Collect 17C070HP10 from 12-16 ft. PID = 3.0	
13						-	—	(water), 0.0 (breathing zone)	
14						-	—		
15	15-24	2.0/ 4.0'				GM - SILTY GRAVEL (GM), mottled gray, reddish brown and light	—		
16						- olive brown, moist, dense, ~50% gravel, ~25% sand, ~25% fines	—		
17						-	—		
18						-	—		
19						-	—		
20		2.0/ 4.0'				GM - Same as above, more dense and dryer	—	PID = 26.3 max (ppm). No deeper water collected.	
21						-	—		
22						-	—		



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	INTERVAL (ft)		6-6-6 (in) (N)		
	RECOVERY				
	TYPE-# <small>SS-Split Spoon ST-Shelby Tube</small>				
23 -				-	Only water from above enters boring.
24 -				GM - EOB at 24 ft bgs	
25 -				-	